(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.					
VIB-019-PCT	ACTION				
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/EP 00/05318	08/06/2000	10/06/1999			
Applicant					
VLAAMS INTERUNIVERSITAIR	INSTITUUT VOOR				
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Au ansmitted to the International Bureau.	thority and is transmitted to the applicant			
The second secon	-factorial of 6 shoots				
This International Search Report consists It is also accompanied by	of a total of sheets. a copy of each prior art document cited in thi	s renort			
it is also accompanied by	a copy of each prior art document offed in the	з героп.			
Basis of the report					
a. With regard to the language, the	international search was carried out on the b	asis of the international application in the			
language in which it was filed, unl	ess otherwise indicated under this item.				
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of a translation of	the international application furnished to this			
b. With regard to any nucleotide an was carried out on the basis of the	d/or amino acid sequence disclosed in the e sequence listing :	international application, the international search			
	onal application in written form.				
filed together with the inte	ernational application in computer readable fo	rm.			
furnished subsequently to	this Authority in written form.				
furnished subsequently to	this Authority in computer readble form.				
the statement that the sul	osequently furnished written sequence listing as filed has been furnished.	does not go beyond the disclosure in the			
	ormation recorded in computer readable form	is identical to the written sequence listing has been			
furnished					
2. X Certain claims were fou	nd unsearchable (See Box I).				
3. X Unity of invention is lac					
	,				
4. With regard to the title ,					
the text is approved as su	ubmitted by the applicant.				
the text has been establis	shed by this Authority to read as follows:	•			
5. With regard to the abstract,					
TX the text is approved as su	ubmitted by the applicant.				
the text has been establis	• , ,	ority as it appears in Box III. The applicant may, eport, submit comments to this Authority.			
6. The figure of the drawings to be pub		z			
as suggested by the appl	_	None of the figures.			
because the applicant fai					
I = "	characterizes the invention.				
L_J ====================================					

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-4

Non-human transgenic animal deficient in Gas6 function and its use.

2. Claims: 10; in part: 5-7

Use of an inhibitor of the Gas6 function for the manufacture of a medicament.

3. Claims: 8,9; in part: 5-7

Use of an inhibitor of a Gas6 receptor for the manufacture of a medicament.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: in part: 5-8

Claims 5-8 refer to an inhibitor of the Gas6 function and/or an inhibitor of a Gas6 receptor without giving a true technical characterization. Moreover, no such specific inhibitors are defined in the application. In consequence, the scope of said claims is ambiguous and vague, and its subject-matter is not sufficiently disclosed and supported (Art. 5 and 6 PCT).

No complete search can be carried out for such purely speculative claims whose wording is, in fact, a mere recitation of the result to be achieved.

Therefore, the search was limited to inhibitors which are either a soluble form of the AXL, MER or RSE receptor or a Gas6 antibody.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

PCT 00/05318

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER C12N15/00 A01K67/027 A61K38/1 A61P9/00	7 A61K39/395 //C0	7K14/745,			
A ocordină to	o International Patent Classification (IPC) or to both national classifica	ition and IPC				
	SEARCHED					
	ocumentation searched (classification system followed by classification	on symbols)				
IPC 7	C12N A01K A61K					
Documentat	tion searched other than minimum documentation to the extent that se	uch documents are included in the fields s	earched			
Electronic d	ata base consulted during the international search (name of data bas	se and, where practical, search terms used	i)			
PAJ, B	IOSIS, WPI Data, EPO-Internal, MEDLI	NE, CHEM ABS Data				
C. DOCUMI	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.			
Χ	PATENT ABSTRACTS OF JAPAN		1-4			
	vol. 1999, no. 04, 30 April 1999 (1999-04-30)					
	-& JP 11 000079 A (SHIONOGI &	CO LTD).				
	6 January 1999 (1999-01-06)					
	abstract					
		-/ 				
		-,				
]						
			<u> </u>			
	her documents are listed in the continuation of box C.	Patent family members are listed	I in annex.			
,		"T" later document published after the into or priority date and not in conflict with				
	ent defining the general state of the art which is not dered to be of particular relevance	cited to understand the principle or th				
'E' earlier	document but published on or after the international	"X" document of particular relevance; the				
'L' docume	filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone					
which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the						
O document referring to an oral disclosure, use, exhibition or other means document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled						
	in the art					
ļ	actual completion of the international search	Date of mailing of the international se	earch report			
1	11 December 2000 21/12/2000					
Name and	Name and mailing address of the ISA Authorized officer					
l	European Patent Office, P.B. 5818 Patentlaan 2					
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Devijver, K					
1		1				

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Internal Application No PCT 00/05318

C./Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °		Relevant to claim No.
X	FRIDELL YIH-WOEI C ET AL: "GAS6 induces Ax1-mediated chemotaxis of vascular smooth muscle cells." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 273, no. 12, 20 March 1998 (1998-03-20), pages 7123-7126, XP002154999 ISSN: 0021-9258 cited in the application page 7125, right-hand column page 7126, right-hand column abstract	5,6,8,9
X	NAKANO TORU ET AL: "Requirement of gamma-carboxyglutamic acid residues for the biological activity of Gas6: Contribution of endogenous Gas6 to the proliferation of vascular smooth muscle cells." BIOCHEMICAL JOURNAL, vol. 323, no. 2, 1997, pages 387-392, XP002155000 ISSN: 0264-6021 cited in the application page 389, right-hand column, paragraph 1 page 390, right-hand column, paragraph 3	5,7,10
X	O'DONNELL KRISTY ET AL: "Expression of receptor tyrosine kinase Axl and its ligand Gas6 in rheumatoid arthritis: Evidence for a novel endothelial cell survival pathway." AMERICAN JOURNAL OF PATHOLOGY, vol. 154, no. 4, April 1999 (1999-04), pages 1171-1180, XP000971169 ISSN: 0002-9440 abstract; figure 5	5,7-9

3

nforma patent family members

Internal Application No PCT 00/05318

	Pa cited	atent document d in search report		Publication date	Patent family member(s)	Publication date
٠.,	JP	11000079	Α	06-01-1999	NONE	
	, ––					
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